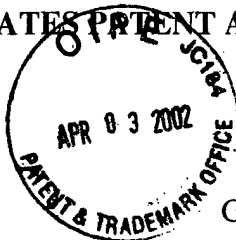


M-4 # 5 04-22-02
IN THE UNITED STATES PATENT AND TRADEMARK OFFICEFDS #5/30
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TECH CENTER 1600/2900Applicants: Collins, D.A. *et al.*

Serial No.: 10/027,593

Group Art Unit: 1614

Filed: October 25, 2001

Examiner: Not Yet Assigned

For: Transcobalamin Binding Conjugates Useful for Treating Abnormal Cellular Proliferation

Assistant Commissioner for Patents
Washington, DC 20231

March 26, 2002

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, Applicants cite the publication listed on the accompanying Form PTO-1449A. A copy of the listed reference is enclosed. The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under the applicable statutes, Rules of Practice in patent cases, or otherwise.

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Respectfully submitted,

Josephine Young
Registration No. 48,308KING & SPALDING
191 Peachtree Street
Atlanta, GA 30303
404-572-4600 (Telephone)
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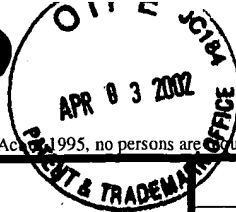
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/027,593
Filing Date	October 25, 2001
First Named Inventor	Collins, D.A. <i>et al.</i>
Group Art Unit	1614
Examiner Name	N/A
Attorney Docket Number	07959.105022 (COP1008 US)

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	3,936,440		Nath	02-03-1976	
	AB	3,981,863		Niswender <i>et al.</i>	09-21-1976	
	AC	4,209,614		Bernstein <i>et al.</i>	06-24-1980	
	AD	4,279,859		Gutcho <i>et al.</i>	07-21-1981	
	AE	4,283,342		Yollees	08-11-1981	
	AF	4,301,140		Frank <i>et al.</i>	11-17-1981	
	AG	4,465,775		Houts	08-14-1984	
	AH	5,308,606		Wilson <i>et al.</i>	05-03-1994	
	AI	5,405,839		Toraya <i>et al.</i>	04-11-1995	
	AJ	5,428,023		Russell-Jones <i>et al.</i>	06-27-1995	
	AK	5,449,720		Russell-Jones <i>et al.</i>	09-12-1995	
	AL	5,514,695		Bergeron	05-07-1996	
	AM	5,548,064		Russell-Jones <i>et al.</i>	08-20-1996	
	AN	5,574,018		Habberfield <i>et al.</i>	11-12-1996	
	AO	5,589,463		Russell-Jones <i>et al.</i>	12-31-1996	
	AP	5,608,060		Axworthy <i>et al.</i>	03-04-1997	
	AQ	5,739,313		Collins <i>et al.</i>	04-14-1998	
	AR	5,807,832		Russell-Jones <i>et al.</i>	09-15-1998	
	AS	5,840,880		Morgan, Jr. <i>et al.</i>	11-24-1998	
	AT	5,869,465		Morgan, Jr. <i>et al.</i>	02-09-1999	
	AU	5,869,466		Russell-Jones <i>et al.</i>	02-09-1999	
	AV	5,936,082		Bauer	08-10-1999	
	AW	6,004,533		Collins <i>et al.</i>	12-21-1999	
	AX	6,083,966		Bergeron, Jr.	07-04-2000	

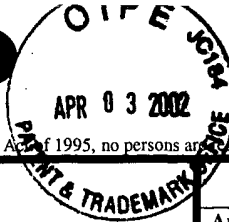
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/027,593
Filing Date	October 25, 2001
First Named Inventor	Collins, D.A. <i>et al.</i>
Group Art Unit	1614
Examiner Name	N/A
Attorney Docket Number	07959.105022 (COP1008)

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U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
	BA	6,096,290		Collins <i>et al.</i>	08-01-2000	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document DD-MM-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number	Kind Code ² (if known)				
	BB	PCT	97/18231		Collins <i>et al.</i>	22-05-1997		
	BC	PCT	98/08859		Grissom <i>et al.</i>	05-03-1998		
	BD	PCT	99/65930		Russell-Jones <i>et al.</i>	23-12-1999		
	BE	DE	1,811,518		Zumstein <i>et al.</i>	10-07-1969		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	BF	ALLEN, R.H., <i>et al.</i> "Isolation of Gastric Vitamin B ₁₂ -binding Proteins Using Affinity Chromatography." <i>J. Biol Chem.</i> 248(10):3660-3669, May 25, 1973.	
	BG	ALLEN, R.H., <i>et al.</i> "Isolation of Vitamin B ₁₂ -binding Proteins Using Affinity Chromatography." <i>J. Biol Chem.</i> 247(23):7695-7701, December 10, 1972.	
	BH	ANTON, D.L., <i>et al.</i> "Carbon-13 Nuclear Magnetic Resonance Studies of the Monocarboxylic Acids of Cyanocobalamin. Assignments of the B-, D-, and E-Monocarboxylic Acids." <i>J. Am. Chem. Soc.</i> 102(7):2215-2219, March 26, 1980.	
	BI	BERNHAUER, K., <i>et al.</i> "Zur Chemie und Biochemie der Corrinoides." <i>Biochem. Z.</i> , 344:289-309, 1966.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (as many sheets as necessary) Sheet <input type="text"/> of <input type="text"/> 3		Application Number	10/027,593
		Filing Date	October 25, 2001
		First Named Inventor	Collins, D.A. et al.
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	CA	BOUCHAUDON, J., et al. "Daunomycin derivatives." <i>Chemical Abstracts</i> . 71(91866):440, 1969.	
	CB	COLLINS, D.A., et al. "Transcobalamin II Receptor Imaging via Radiolabeled Diethylene-Triaminepentaacetate Cobalamin Analogs." <i>J. Nucl. Med.</i> , 38, 717-723 (1997).	
	CC	COLLINS, D.A., et al. "Tumor Imaging Via Indium 111-Labeled DTPA-Adenosylcobalamin." <i>Mayo Clinic Proc.</i> 74:687-691, 1999.	
	CD	ELLENBOGEN, L., "Absorption and Transport of Cobalamin: Intrinsic Factor and the Transcobalamins." <i>Cobalamin: Biochem. and Pathophysiol.</i> . Babior, ed., Wiley, N.Y. (1975) Chapter 5.	
	CE	HOGINKAMP, H.P.C. et al. "Carbon-13 Nuclear Magnetic Resonance Studies of Adenosylcobalamin and Alkylcorrinoids, Selectively Enriched with Carbon-13." <i>Biochemistry</i> . 14(16):3707-3714, 1975.	
	CF	HOGINKAMP, H.P.C. "Chemical synthesis and properties of analogs of adenosylcobalamin." <i>Biochemistry</i> . 13(13):2736-2740, 1974.	
	CG	HOGINKAMP, H.P.C. et al. "Synthesis and Characterization of nido-Carborane-Cobalamin Conjugates." <i>Nucl. Med. & Biol.</i> 27:89-92, 2000.	
	CH	JACOBSEN, D.W., et al. "Rapid Purification of Cobalamin-Binding Proteins Using Immobilized Aminopropylcobalamin." <i>Anal. Biochem.</i> 113:164-171, 1981.	
	CI	KIKUGAWA, K. et al. "Direct Halogenation of Sugar Moiety of Nucleosides." <i>Tetrahedron Lett.</i> No. 2:87-90, 1971.	
	CJ	NEXO, E. "Cobalamin Binding Proteins." <i>Vitamin B₁₂ and B₁₂-proteins</i> . eds. Krantler, B., et al.; Wiley & Sons, Ltd. 461-475.	
	CK	TORAYA, T., et al. "Preparation, Properties and Biological Activities of Succinyl Derivatives of Vitamin B ₁₂ ." <i>Bioinorg. Chem.</i> 4:245-255, 1975.	

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